

USSR/General Problems of Pathology - Tumors. Metabolism.

U.

Abs Jour : Ref Zhur - Biol., No 2, 1959, 8742

Author : Perevoshchikova, K.A., Zbarskiy, I.B.

Inst : Academy of Sciences USSR

Title : Stimulation of the Uptake of Certain Amino Acids into the Proteins of Normal and Tumor Tissues by the Decomposition Products of Ribonucleic Acid

Orig Pub : Dokl. AN SSSR, 1957, 114, No 1, 150-153

Abstract : An alkaline hydrolysate of sodium ribonucleate in a final concentration of 0.05% increased the uptake of glycine- C^{14} and of methionine-S-35 in the proteins of liver, spleen and kidney sections of rats (incubation 50 min. at 38° in atmosphere of O_2) by an average of 87%. The ribonucleic acid hydrolysate did not exert any effect on sections of rat M_1 and 45 sarcomata.

Card 1/2

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. . PEREVONCHIKOV, A.P., inzh.; BLAGIY, V.V., teknik

Prevention of oil leak in a turbine. *Energetik*. 13 no.4:10-12 Ap '65.
(MIRA 18:6)

PEREVOSHCHIKOVA, K.A.; GOLUBOVICH, L.M.; Primala uchastiye: KAVERINA, A.P.

Concentration of labeled amino acids in vitro and inclusion
into cell proteins of tumors, normal tissues and regenerating
rat livers. Vop. med. khim. 8 no. 5:532-537 S-0'62 (MIRA 17:4)

1. Gosudarstvennyy onkologicheskiy institut imeni P.A.Gertsena,
Moskva.

PEREVOSHCHIKOVA, K.A.

Correlation between the active concentration of labeled amino acids by cells and their inclusion in the proteins of tumors and normal tissues of experimental animals in vitro. Biul. eksp. biol. i med. 49 no.2:73-77 F '60. (MIRA 14:5)

1. Iz biokhimicheskoy laboratorii (zav. - prof. I.B.Zbarskiy, nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR A.I.Savitskiy) Gosudarstvennogo onkologicheskogo instituta imeni P.A.Gertsena (dir. - prof. A.N.Novikov), Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR A.Ye. Braunshteynom.
(TUMORS) (AMINO ACIDS) (PROTEINS)

PEREVOSHCHIKOVA, K. A. (USSR)

"The Concentration of Amino Acids by Normal Tissue Cells and Cells
of Malignant Tumours."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

SAMARINA, O.P.; ZBARSKIY, I.B.; PEREVOSHCHIKOVA, K.A.

Binding of labeled amino acids by protein and nucleic acid preparations.
Biokhimiia 25 no. 3:443-451 My-Je '60. (MIRA 14:4)

1. Institute of Animal Morphology, Academy of Sciences of the
U.S.S.R. and State Oncological Institute, Moscow.
(PROTEIN METABOLISM)

ZBARSKIY, I.B.; PEREVOSHCHIKOVA, K.A.

Dynamics of the concentration and incorporation of lysine-1- 14 C and glycine-1- 14 C into proteins of tumor cells and normal cells as related to different concentrations of these amino acids in the medium. Biokhimiia 25 no.5:808-813 S-O '60. (MIRA 14:1)

1. The State Oncological Institute, Moscow.
(GLYCINE) (LYSINE) (TUMORS)

Peredoshchikov, K. A.

- REPORTS TO BE SUBMITTED TO THE 1st Intl Congress of Histochemistry and Cytochemistry, Paris, France, 28 Aug-3 Sep, '60.
- MOISEV, V. Ye. - "The nucleic acids of the nerve cell, nucleus and cytoplasm".
- MOISEV, V. Ye., VINOGRADOV, V. V. and SYROVATKIN, M. Ye. - "Histochemistry of extracellular connective tissue in pathological conditions".
- PEREDOSHCHIKOV, K. A. Ye. - "Some aspects of the metabolism of the transitional epithelium".
- CHERNIKOV, G. B. - "The studies on the cell scleroproteins with the aid of periodate oxidation procedure".
- OSTROVSKIY, I. A., KRYZHEVSKIY, M. Ye., KRYZHEVSKIY, I. A., KRYZHEVSKIY, M. Ye. and GURINA, A. V. - "The study of fluorescence microscopy as a new method of histochemistry".
- KRYZHEVSKIY, G. B. - "Histochemical characteristics of diabetic polyneuritis".
- KRYZHEVSKIY, I. B. - "The determination of sulfhydryl groups of proteins by means of the inhibitory indicator (bromocetylthiobromic acid) method".
- MILKOV, P. I. - "Cytochemical and autoradiographic analysis of the role of nucleic acids in the synthesis of cellular proteins of the protein-synthesizing complex of cardiac connective tissue in the development of rheumatic process".
- PEREDOSHCHIKOV, K. A. Ye. - "Histochemical contribution to the study of the mechanism of hypophyseal secretion".
- PEREDOSHCHIKOV, K. A. Ye. - "Some mechanisms controlling the chemical activity of the neuron mitochondria".
- (A summary of this report has been received by the organizers of the Congress and is included in Group I)
- ASPECTS OF HISTOCHEMISTRY AND THE NERVOUS SYSTEM (This is a proposed report of which the exact title is not yet known - Group III)
- PEREDOSHCHIKOV, K. A. Ye. - "Histochemistry in experimental cancer chemotherapy".
- PEREDOSHCHIKOV, K. A. Ye. - "Comparative histochemistry of nervous fibers and their function".
- SHAMURIN, A. Ye. - "Presence of ribonucleoproteins in mitochondria of different animal cells and their functional importance" and "Cytochemical and functional peculiarities of nerve tissues".
- PEREDOSHCHIKOV, K. A. Ye. - "Histochemical examinations of connective tissues in the light of recent pathological studies".
- KRYZHEVSKIY, I. A. - "A comparative physical and chemical characterization of procollagen and collagen".
- VASIL'YEV, V. M. - "Histochemical studies of the connective tissue changes observed in the source of development of induced sarcoma in rats".
- PEREDOSHCHIKOV, K. A. Ye. - "Protein and nucleic composition of connective tissue".
- PEREDOSHCHIKOV, K. A. Ye. and PEREDOSHCHIKOVA, K. A. Ye. - "On the role of cell nucleus and its fractions in protein biosynthesis measured by the incorporation of labeled amino acids".

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PEREVOSHCHIKOV, Konstantin Alekseyevich; CHECHENENKO, K.A., otv. red.;
STRAKHOVA, T.M., tekhn. red.

[In a country of the aroused tropics] V strane probuzhden-
nykh tropikov. Moskva, Detgiz, 1963. 93 p. (MIRA 17:1)

PEREVODCHIKOV, V.I.

AUTHORS: Yumatov, K.A. and Perevodchikov, V.I.

109-3-14/23

TITLE: New Photo-layers for the Television Camera Tubes with Photo-conductive Targets (Novyye fotosloi dlya peredayushchikh televizionnykh trubok s fotoprovodyashchey mishen'yu)

PERIODICAL: Radiotekhnika i Elektronika, 1958, Vol.III, No.3, pp. 415 - 420 (USSR).

ABSTRACT: The work is concerned with the application of PbS in the photo-conducting screens in vidicon tubes. During the work on this problem, it was found by the authors that the method of preparation of high-resistance photo-layers devised by Frank and Reithel (Ref.7) was not satisfactory. Consequently, a new method was developed in which PbS photo resistances are deposited on a lead oxide base. The method permits the preparation of photo-layers having resistivities of 10^{11} to 10^{12} Ωcm and a satisfactory sensitivity. The light response of the resulting photo-layers was measured at illuminations ranging from 0.1 to 1 000 lux; the experimental curves are shown in Fig.1 for three different photo-layers. From these, it is seen that the sensitivity of the layers is sufficient to permit the operation of the camera tube at comparatively low illumination levels. The spectral response curves of the photo-layers were taken by means of an infra-red spectrometer, type MKC-11. The resulting curves

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New Photo-layers for the Television Camera Tubes with Photo-conductive Targets ^{109-3-14/23}

are shown in Fig.2, where it is seen that the maximum sensitivity occurs at wavelengths of 0.6 to 0.9 μ . The frequency response of the photo layers is illustrated in Fig.3. Also, the excitation time and the decay time of the response of the photo-layers were measured; it was found that these times were lower than 0.1 sec. so that the PbS layers could be regarded as having a comparatively low inertia. Voltage current characteristic and the resistance versus temperature curves of the photo-layers are shown in Figs. 4 and 5, respectively. From these, it is seen that the current is a linear function of voltage. The above experimental results show that the PbS layers can be used to construct camera tubes for operation in the infra-red region. The sensitivity of the layers is such that the tubes would be capable of working over a wide range of illumination, in particular, at comparatively low illuminations. There are 5 figures, 1 table and 7 references, 3 of which are English, 2 German, 1 French and 1 Russian

SUBMITTED: March 22, 1957

AVAILABLE: Library of Congress
Card2/2

PEREVODCHIKOVA, L.N.

USSR/General Problems of Pathology - Tumors.

S-4

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71552

Author : Perevodchikova, L.N., Sgibova, V.V.

Inst :

Title : Leukemoid Reaction in Cancer.

Orig Pub : Materialy po bor'be so zlokachestv. opukhlyami, Ufa 1955,
Vyp. 5, 3-5

Abstract : Two cases of leukemoid reaction in cancer patients.
The first in a man - 45, suffering from bronchogenic
cancer with infiltration into the pericardium, epicar-
dium, and myocardium with increased lymph nodes in the
paratracheal and sub-muscular walls. With normal red
count the leucocyte count was 50 000/ cmm of which 89
percent were lymphoblasts, 3 percent lymphocytes.
Many Botkin Humprecht cells were found, on which the
diagnosis of lymphadenosis was based. The second case
concerns a woman of 40, with stomach cancer and numerous

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PEREVODCHIKOVA, N.I.

Clinical aspects and diagnosis of myocardial microinfarction.
Ter. arkh., Moskva 25 no.2:33-39 Mar-Apr 1953. (CIML 24:3)

1. Of the Department for the Diagnosis of Internal Diseases (Head
— Prof. S. V. Shestakov) of Astrakhan' Medical Institute and the
Lower Volga Water Department of Health Basin Clinical Hospital.

PEREVODCHIKOVA, N.I. (Moskva, Bryusovskiy per., d. 6, kv. 24.)

Symposium on the chemotherapy of cancer, held in Oslo on
May 21-25, 1956. Vop. onk. 3 no.1:122-125 (MIRA 10:4)
(CANCER) (CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

PEREVODCHIKOVA, Natalia I.
PEREVODCHIKOVA, Natalia I.

"Further Observations on DL-~~p~~-DI (2-Chloroethyl) Aminophenylalanine Hydrochloride (Sarcylsin) in Comparison with some other Derivatives of the Chloroethylamines"

paper presented at the Symposium on Amino Acids and Peptides with Antimetabolic and Cytotoxic Properties, London, 18th -20th March 1958.

Abst: We report comparative clinical studies on various chloroethylamines made during the last five years at the Clinic of the Inst. of Exptl. Pathology and Therapy of Cancer, Acad. Medical Sci. USSR.

The observation of 425 patients showed that the most interesting compound among those investigated, is sarcylsin (DL-p-DI (2-chloroethyl) aminophenylalanine hydrochloride), which is specially active against testicular seminomas, and to a lesser extent against mixed testicular neoplasms, Ewings tumour, reticulosarcoma, angio-endothelioma, myelomatosis and primary carcinoma of the liver. Dopan (4-methyl-5-di (2-chloroethyl) amino-uracil) and Novembekhin (2-chloropropyl-di (2-chloroethyl) amine hydrochloride) on the other hand resemble more closely other nitrogen mustards and are useful in Hodgkin's disease, chronic myeloid leukemia and to a lesser extent in chronic lymphatic leukemia. It is reasonable to relate the altered spectrum of activity in the case of sarcylsin to the presence of the carrier group, namely, the amino acid phenylalanine.

Clinical Dept, Inst. Experimental Pathology and Therapy of Cancer, Acad. Medical Sci.
USSR, Moscow

EXCERPTA MEDICA Sec 16 Vol 7/3 Cancer Mar 59

1196. **Clinical experience with new drugs for cancer patients** Erfahrungen bei der klinischen Anwendung einiger neuer Chemotherapeutika in der Geschwulstbehandlung. PEREVODCHIKOVA N. Y. Inst. für Exp. Krebspathol., Krebsther., Akad. der Med. Wissensch., UdSSR, Moskau *Dtsch. med. Wschr.* 1958, 83:1 (21-23) Illus. 6

Melphalan (DL form, 'sarcolysin') is effective especially for seminoma and its metastases, and also for reticulum cell sarcoma, Ewing's sarcoma, malignant endothelioma, primary carcinoma of the liver and bile ducts, thymoma and myeloma. However, seminomata on the basis of a teratoma or teratomata are not influenced. After reduction of the carcinoma, the prospect of cure from surgical

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extirpation is improved. In recurrences a second course with this drug may give the same effect as the primary treatment. 4-Methyl-5-[bis(2-chloroethyl)-amino]-uracil ('dopan') is effective for chronic myeloma and Hodgkin's disease. Blood examinations are indispensable while these drugs are being used.

Asano - Tokyo

VASIL'YEV, Yu.M.; PEREVODCHIKOVA, N.I.

Seventh International Congress on Cancer in London. Pat.
fiziol. i eksp.terap. 3 no.2:91-93 Mr-Apr '59. (MIRA 12:6)
(LONDON--CANCER--CONGRESSES)

EXCERPTA MEDICA Sec 16 Vol 7/11 Cancer November 69

4794. **The relationship of Hodgkin's disease and reticulosarcomatosis. Clinical and anatomical data (Russian text)** GANINA K. P. and PEREVODCHIKOVA N.Y. Inst. of Exp. Pathol. and Ther. of Cancer, Moscow *Vopr. Onkol.* 1959, 5/4 (457-462) Illus. 3

In 11 out of 168 patients with Hodgkin's disease, reticulosarcomatosis developed. Clinically this change is characterized by the progressively severe course; all sorts of therapy are of no avail. Morphologically in all the cases studied from their onset, a great predominance of cell proliferation of the reticuloendothelial system was found. At some period of their development these cells showed all signs of malignant growth. Multicentric reticulosarcomatous foci appeared in lymphogranulomatous tissue. In fast spreading forms of lymphogranulomatosis, in the initial stages of the disease, histological examination showed changes that were characteristic both of lymphogranulomatosis and reticulosarcomatosis. The authors think that the morphological changes peculiar for reticulo-cell sarcoma can be explained by the characteristic development of the basic process, i.e. lymphogranulomatosis. The transformation of lymphogranulomatosis into reticulosarcomatosis was observed both in patients receiving all sorts of therapy and in those not treated. Thus, it cannot be due to massive chemotherapy.

VASIL'YEVA, Yu.M., kand.med.nauk; PEREVODCHIKOVA, N.I., kand.med.nauk

Seventh International Cancer Congress in London. Vest. AMN SSSR
14 no.3:70-76 '59. (MIRA 12:3)
(LONDON--CANCER--CONGRESSES)

ASTRAKHAN, V.I., doktor med.nauk; BERLIN, A.Ya., prof.; LAZAREV, N.I.,
kand.biologicheskikh nauk; PEREVODCHIKOVA, N.I., kand.med.nauk

Second Coordinating Conference on Chemotherapy in Cancer. Vest.
AMN SSSR 14, no.5:77-82 '59. (MIRA 14:5)
(CANCER—CONGRESSES)

GANINA, K.P. (Kiyev, ul. Panfilovtsev, d.18); PEREVODCHIKOVA, N.I.

Clinical and anatomical data on the relationship of lymphogranulomatosis and reticulosarcomatosis. Vop.onk. 5 no.4:457-462 '59. (MIRA 12:12)

1. Iz laboratorii patomorfologii (zav. - dots. I.A. Avdeyeva) i klinicheskogo otdela Instituta eksperimental'noy patologii i terapii raka AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. N.N. Blokhin). Adres Perevodchikovoy: Moskva, 3-ya Meshchanskaya, d.61/2, korp. 9, Institut eksperimental'noy patologii i terapii raka.
(HODGKIN'S DISEASE)

PEREVODCHIKOVA, V.I.

Causes of asphyxia neonatorum, its prevention and treatment.
Nauch.trudy Riaz.med.inst. 18 no.2:255-261 '64.

(MIRA 19:1)

1. Kafedra akusherstva i ginekologii (zav. - prof. G.N.Smirnov)
i kafedra farmakologii (zav. - prof. A.N.Kudrin) Ryazanskogo
meditsinskogo instituta.

KASSIS, Vadim Borisovich; PEREVOSHCHIKOV, Konstantin Alekseyevich;
KOSTINSKIY, D.N., red.; MARTYNOVA, V.A., mladshiy red.;
BURLAKA, N.P., tekhn. red.

[Malta is on the horizon; traveller's notes] Na gorizonte
Mal'ta; putevye zametki. Moskva, Gos.izd-vo geogr. lit-ry,
1962. 29 p. (MIRA 15:12)
(Malta--Description and travel)

PEREVOSHCHIKOVA, G. F., Cand Med Sci -- (diss) "Lipodystrophic changes in the central nervous system in atherosclerosis and hypertension." Len, 1956. 13 pp (Min of Health RSFSR, Len Sanitary-Hygiene² Med Inst), 200 copies (KL, 2-58, 116)

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USSR/General Problems of Pathology - Tumors. Metabolism.

U.

A's Jour : Ref Zhur - Biol., No 19, 1958, 39574

Author : Zbarskiy, I.D., Perevoshchikova, K.A.

Inst : -

Title : On the Participation of Some Cell Components in Protein Synthesis in Neoplasms and Normal Organs, from Data Obtained by Inclusion of Radiolactive Amino Acids.

Orig Pub : Tr. Vses. Konferentsii po med. radiol. Eksperim. med. radiol. M., Medits, 1957, 222-224.

Abstract : N abstract.

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USSR/General Problems of Pathology. Metabolism

U-5

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61065

Author : Zbarskiy I.B., Perevoshchikova K.A.

Inst : -

Title : The Participation of Nuclei of Normal and Neoplastic Cells in the Synthesis of Proteins, According to Data of an Incorporation of Labeled Amino Acids in Vivo

Orig Pub : Biokhimiya, 1957, 22, No 1-2, 295-304

Abstract : A study was made on the incorporation in vivo, of the radioactivity of methionine S^{35} , glycine- $1-C^{14}$ and tyrosine- $1-C^{14}$ in the proteins of the liver, kidneys, spleen and the thymus gland. The same procedure was applied to a hepatoma of a mouse $C_{3}H_{1}$, ascitic cancer of Ehrlich, and sarcoma M_1 of a rat, and to the proteins isolated from such in a neutral medium of nuclea, 2-3 hours after the introduction of labeled amino acids to normal rats and to rats and mice with neoplasm. The proteins of the nuclei of normal organs incorporated the radioactivity of labeled amino acids to almost the same extent as

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USSR/General Problems of Pathology. Metabolism

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Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61065

a whole tissue. In the proteins of neoplastic nuclei, radioactivity was by 2-3 times less than in the proteins of the whole tissue of the same tumors. During the fractionation of nuclear proteins, when the organs were normal, the highest radioactivity was observed in the fractions of an acid protein, while in tumors it corresponds to the nucleoprotein fraction, concentrating in the tryptophan of the non histonic protein of this fraction. In the isolation of nuclei in a 1 percent citric acid solution, or in a solution of saccharase, the differences were manifested in a considerably less obvious manner, because of the extraction of proteins in the first case, and because of contamination in the second case. The nucleus takes an active participation in the synthesis of proteins, a disturbance in the incorporation of labeled amino acids in the nuclear proteins demonstrates a damage to the nuclear apparatus of the cells in the tumor. -- I.B. Zbarskiy

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PEREVOSHCHIKOVA, K.A.

Inclusion of radioactive methionine- S^{35} and glycine- C^{14} into proteins in intact tissues and in cell nuclei of the liver in various stages following partial hepatectomy [with summary in English]. Biul.eksp.biol. i med. 44 no.9:59-63 S '57. (MIRA 10:12)

1. Iz biokhimicheskoy laboratorii (zav. - prof. I.B.Zberskiy) Onkologicheskogo instituta imeni P.A.Gertsena (dir. - prof. A.N. Novikov). Predstavlena deystvitel'nyy chlenom AMN SSSR S.Ye. Severinym.

(METHIONINE, metabolism,

liver, incorporation into proteins after partial excis.,
radiosulfur labeled prep. (Rus))

(GLYCINE, metabolism,

liver, incorporation into proteins after partial excis.
radiocarbon labeled prep. (Rus))

(PROTEINS, metabolism,

liver, incorporation of labeled glycine & methionine
after partial hepatectomy (Rus))

(LIVER, metabolism,

protein incorporation of labeled glycine & methionine
after partial hepatectomy (Rus))

EXCERPTA MEDICA Sec.5 Vol.11/4 General Pathology Apr 58
~~PER VO~~ *K.A.*

877. THE STIMULATION OF PROTEIN BIOSYNTHESIS IN NORMAL AND NEO-PLASTIC TISSUES BY THE DEGRADATION PRODUCTS OF RIBONUCLEIC ACID (Russian text) - Perevoshchikova K. A. and Zbarsky I. B. DOKLADY AKAD. NAUK SSSR 1957, 114/1 (150-153) Tables 3

Gale and co-workers have recently shown that nucleic acids and their breakdown products favour the inclusion of labelled amino-acids into protein. in the present experiments, liver, spleen, kidneys and M1 and M45 sarcomas of rats and ascites cells of Ehrlich's mouse carcinoma (in some experiments destroyed by ultrasound or triturated) were used. The samples, incubated in the Warburg apparatus for 50 minutes at 38°C. in oxygen, contained 150-200 sections, 0.1 ml. glycine-1-C¹⁴ or methionine S³⁵ in Robinson's medium, which contained 0.1% glucose in 2 ml. Then 0.3 ml. of a 0.3% hydrolysate of ribonucleic acid was added (controls without hydrolysate), and after termination of the incubation the sample was sedimented with 5% trichloroacetic acid. The nucleic acids were removed by heating for 15 m.n. at 90°, and the rest treated according to a method described earlier (ibidem, 1951, 107, 285) and the radio-activity of the protein determined with a Geiger counter. The alkaline hydrolysate of ribonucleic acid stimulates definitely the inclusion of glycine C¹⁴ and methionine S³⁵ in protein, in the normal tissue examined as well as in the ascites cells of Ehrlich's mouse carcinoma (also in those destroyed by ultra-sound).
 Brandt - Berlin (V, 2, 16)

State Oncology Inst in P A Geatsen

PEREVOSHECHKOVA, E. A., ZBAKSHIY, I. P., and GEORGIYEV, G. P.

"Studies on the Proteins of Cell Nuclei,"

paper presented at the 4th Intl. Congress of Biochemistry, Vienna, 1-6 Sep 58.

PEREVOSHCHIKOVA, K.A.

Some data on the mechanism of lysine-1-C14, glycine-1-C14, methionine-S32 and tyrosine-C14 concentration and incorporation into protein by cells of Ehrlich's ascitic carcinoma in mice. Biokhimiia 26 no.2:366-372 Mr-Apr '61. (MIRA 14:6)

1. The State Onkological Institute, Moscow.
(AMINO ACIDS METABOLISM) (CANCER)

L 23367-66

ACC NR: AP6014,004

SOURCE CODE: UR/0219/65/060/008/0102/0105

AUTHOR: Perevoschikova, K. A.; Belousov, A. P. (Doctor of biological sciences); Bul'dyayeva, T. V.—Buldyayeva, T. V. 21

ORG: Biochemistry Laboratory/headed by A. P. Belousov, Doctor of biological sciences/, Institute of Oncology im. P. A. Gertsen/directed by Prof. A. N. Novikov, Doctor of medical sciences/, Moscow (Biokhimicheskaya laboratoriya Onkologicheskogo instituta) B

TITLE: Effect of hepatic ribonucleic acid on tumor growth in experimental animals

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 60, no. 8, 1965, 102-105

TOPIC TAGS: tumor, RNA, liver, rat, mouse

ABSTRACT: Ribonucleic acid was obtained from the livers of rats and mice by means of the modified Kirby phenol and Sherer methods. The acid was placed in physiological solution (3-4 milligrams in one milliliter) and mixed in a ratio of 5:1 with a suspension of M-1 sarcoma cells, Ehrlich's mouse ascitic tumor washed in the above solution, or rat ascitic hepatoma. An equal quantity of physiological solution was added in the case of controls. The mixture with the ribonucleic acid (RNA) (final concentration of the RNA equalled 2.5-3 milligrams in one milliliter) was incubated at room temperature for a period of 2 hours, or at a temperature of 4°C for a period of 18 hours. After incubation the suspension containing sarcoma M-1 was

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UDC: 616-006-085.739.6-092.9 2

L 23367-66

ACC NR: AP6014004

administered subcutaneously in a dose of one milliliter, and that containing rat ascitic hepatoma, in a similar dose intraperitoneally. The animals were sacrificed within 7-10 days after the inoculation and the tumors of the experimental and control groups were weighed. It was found that the RNA obtained by the Kirby phenol method in modification by G. P. Georgiyev had no effect on the growth of Ehrlich's ascitic tumor; the same was true also of rat sarcoma M-1 preliminarily incubated with RNA of normal livers. A slight tendency to inhibit the growth of rat ascitic hepatoma was noted. Further tests with RNA obtained by the Kirby phenol method modified by Vorob'yev established that the growth of rat sarcoma M-1 was inhibited in 57 to 93 percent of the animals. No definite results were obtained in experiments which sought to determine the effect of RNA obtained by the Kirby phenol method in Vorob'yev modification and the Sherer method on rat ascitic hepatoma. This paper was presented by A. I. Savitskiy, active member, AMN SSSR. "Orig. art. has: 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 10Jan64 / ORIG REF: 003 / OTH REF: 005

Cord 2/2LC

PEREVOSHCHIKOVA. K.A.; BELOUSOV, A.P.; SHISHKOV, V.P.

Accumulation of glutamine by tumors and its inclusion in the proteins
of tumorous and normal cells. Vop. med. khim. 11 no.2:32-36 Mr-Ap
'65. (MIRA 18:10)

1. Biokhimicheskaya laboratoriya Gosudarstvennogo onkologicheskogo
instituta imeni P.A.Gertsena, Moskva.

PEREVOSHCHIKOVA, K.S.; BELOUSOV, A.P.; KULYAYINA, T.I.

Action of liver stimulants on the growth of tumor in
experimental animals. (Rus. Eng.). Publ. 1 ned. 60 no. 8102-
105 Ag 195. (MIRA 121)

1. Mikhlin, M.S. (ed.). (Rus. Eng. transl. 1954).
A.F. Belousov. (Rus. Eng. transl. 1954). Institut imeni Gerasima (Rus.).
Lektor ned. 1954. A.N. Medvedev, Moscow.

PEREVOZCHIKOV, P.A., ordinator

Primary cancer of the antrum of Highmore. Trudy Izhev.gos.med.inst.
13:271-275 '51. (MIRA 13:2)

1. Iz kliniki bolezney ukha, nosa i gorla Izhevskogo meditsinskogo
instituta. Zaveduyushchiy kafedroy - prof. I.V. Gol'dfarb.
(NOSE, ACCESSORY SINUSES OF--CANCER)

L 2450-66 EWT(m)/EPT(n)-2/EWP(t)/EWP(b)/EWA(h) LJP(c) JD/WJ/JG
ACCESSION NR: AP5022013

UR/0286/65/000/014/0081/0081
669.296.472

AUTHOR: Baraboshkin, A. N.; Lebedeva, K. P.; Saltykova, N. A.; Perevozkin, V. K.

TITLE: Method for electrolytic refining of zirconium in a fused chloride bath.
Class 40, No. 173010

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 81

TOPIC TAGS: zirconium, zirconium refining, electrolytic refining

ABSTRACT: This Author Certificate introduces a method for electrolytic refining of zirconium in a fused chloride electrolyte containing low-valence zirconium ions. To obtain coarse grained-zirconium cathode deposits, the electrolyte, prior to electrolysis is held in contact with metallic zirconium at the temperature of electrolysis until a valence ratio approaching the equilibrium with metallic zirconium is reached. [A2]

ASSOCIATION: Institut elektrokhemii Ural'skogo filiala AN SSSR (Institute of Electrochemistry, Ural Branch, AN SSSR)

Card 1/1

L 2450-66

ACCESSION NR: AP5022013

SUBMITTED: 20Apr63

NO REF SOV: 000

fused salt 18

ENCL: 00

OTHER: 000

SUB CODE: MM, 66

ATD PRESS: 4109

BVK

Cord 2/2

...
... with synthetic and modified ... for ...
... it. prov. ... (MFA 18.8,

PEREVOZKIN, Yu.L.

Advantages of a nonsaponifiable composition for investment casting.
Bul. tekhn.-ekon.inform.Gos. nauch.-issl.inst.nauch. i tekhn.inform.
18 no.6:51-52 Je '65. (MIRA 18:7)

L 54555-65 ENT(m)/ENG(m)/P(1) Pc-4 RNH/RM

ACCESSION NR: AP5016713

UR/0286/65/000/010/0016/0016

AUTHORS: Sumborskiy, I. V.; Pashkov, A. B.; Saldadze, K. M.; Grachev, L. L.;
Chetverikov, A. P.; Parbafenkov, A. N.; Ferevozkina, O. A.; Kas'yanenko, Ye. I.

TITLE: A method for producing ion exchangers. Class 12, No. 170908

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 10, 1965, 16

TOPIC TAGS: ion exchanger, chemical production, filler, cotton, fiber

ABSTRACT: This Author Certificate presents a method for producing ion exchangers by mixing (in a determined order) the combined components, heating, holding, cooling, and consolidating the reactive mass, which is finally crumbled and dried. To improve the mechanical, filtering, and absorption properties of the exchangers, a fibrous filler, such as cotton floss, is introduced into the reactive mixture before drying.

ASSOCIATION: Nauchno-issledovatel'skiy institut plasticheskikh mass (Scientific Research Institute of Plastics)

SUBMITTED: 24Jul64

ENCL: 00

SUB CODE: 00

NO REF SOV, 000

OTHER: 000

Card 1/1

PEREVCHENKO, .I., train. (g. Kemerovo); ISAYEV, K.I., master (g. Kemerovo)

Improvement of a desalinization system. Energetik 13 no.2:6-8
Apr 1965. (MIRA 18:9)

ACC NR: AT6024928 (A,N) SOURCE CODE: UR/2981/66/000/004/0187/0191

AUTHOR: Loktionova, N. A.; Ovchinnikov, Yu. F.; Nikonov, Ye. A.; Zamolodchikova, V. N.; Lapina, L. V.; Perevozchikov, A. V.; Polakov, P. I.

ORG: none

TITLE: Residual stresses in weld joints of aluminum alloys

SOURCE: Aluminievyye splavy, no. 4, 1966. Zharoprochnyye i vysokoprochnyye splavy (Heat resistant and high-strength alloys), 187-191

TOPIC TAGS: tensile stress, compressive stress, aluminum alloy property, weld evaluation

ABSTRACT: The residual stresses in various parts of a welded structure of ATsM alloy were determined by a mechanical method, and the influence of the artificial aging and tempering of the weld joints on the magnitude of these stresses was investigated. It was found that longitudinal residual stresses up to 10-11 kg/mm² and compressive residual stresses up to 11-12 kg/mm² in the transverse direction arise in the zone of the weld joints. Artificial aging of the weld joints of ATsM alloy for 100 hr at 90° does not change the magnitude and character of the residual stresses in the heat-affected zone as compared to the residual stresses in the naturally aged state. Tempering of the zone of the weld joint by induction heating to 240-250°C for 4-5 min followed by cooling of the heat-affected zone with water increases the magnitude of the

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L 46965-66

ACC NR: AT6024928

longitudinal tensile residual stresses by $1.5-2 \text{ kg/mm}^2$, without changing the sign.
At the same time, the transverse residual stresses change into compressive ones and reach 4 kg/mm^2 . Orig. art. has: 2 formulas.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 003

Card 2/2 mt

"PEREVOZNIKOV, B.F.

New methods of hydrological calculations. Avt. dor. 28
no.1:31 Ja '65. (KDA .2)

LUKIN, V.S.; PEREVOZCHIKOV, B.F.

Mass sink formation in the city of Severoural'sk as a result
of the change in the regime of underground waters. Izv. Vses.
geog. ob-va 96 no.3:241-244 '64 (MIRA 17:8)

PEREVOZCHIKOV, B.F.

Karst phenomena of carbonate rocks in some parts of the Southern
Ural bauxite basin. Trudy Inst.geol. UFAN SSSR no.62. Gidrogeol.sbor.
no.2:99-119 '62. (MIRA 16:5)
(Southern Ural Basin--Bauxite) (Southern Ural Basin--Karst)

PEREVOZCHIKOV, B.F.

Discharge of karst waters in the Ay Valley in the region of the
Southern Ural bauxite deposits. Trudy Inst.geol. UFAN SSSR, no.62.
Gidrogeol.sbor. no.2:153-160 '62. (MIRA 16'5)
(Southern Ural Basin--Water, Underground) (Southern Ural Basin--Karst)

ARTYUKHOVA, A.A., inzh.; VAYNSHTEYN, B.N., inzh.; KOGOSOV, L.P., inzh.;
KIZIKOV, F.D., inzh.; PERFVOZNIKOV, V.N., inzh.

Honing aluminum alloys, chromium platings and cast iron with
synthetic diamond bars. Mashinostroenie no.5:18-20 S-O '65.
(MIRA 18:9)

PEREVOZCHIKOV, B.S.; KOVALENKO, V.F.

Mechanization and automation of press forging operations. Kuz.-shtam.
proizv. 5 no.8:38-42 Ag '63. (MIRA 16:9)

3/182/60/000/011/001/016
A161/A029

AUTHORS:

Perevozchikov, P. S., Kovalenko, V. F.

TITLE:

Selection of Rational Hot Stamping Technology for Bevel Gears

PERIODICAL:

Kuznechno-shtampovoye proizvodstvo, 1960, No. 11, pp. 1-6

TEXT:

The ENIKMASH Institute has carried out experiments to select a suitable technology for automatic manufacture of bevel gears at a rate of 500,000 pieces annually. It is emphasized that the results cannot be applied to any other type and size of bevel gears than the type for which the investigation had been undertaken, namely the driven gear of the [GAZ-51] automobile rear axle drive (Fig. 1). The following conditions had to be considered: 1) using latest equipment (universal if possible); 2) forgings must have preliminary formed teeth; 3) the metal surplus on the forgings must be so placed as to make the gripping easy in the automatic transfer in the die impressions; 4) maximum possible automation (between operations transportation, including automatic transfer from one impress to another). It was not possible to experiment with real-size forgings and the model blanks were 2.86 times smaller. The especially designed

ED FOR RELEASE: 06/15/20

S. 182.65/001/001/016
A161/A029

Selection of Rational Hot Stamping Technology for Bevel Gears

made die set (Fig. 3) has a bed plate (1), an exchangeable bed die (3) attached to the bed plate with a clamping ring (2), a rotary disk (4) attached to the top plate and bearing three punches. The disk is rotated by hand with a lever inserted into a hole and fixed with the pin (5). The stay (6) fixes the disk additionally during stamping. The punches move rapidly and the blank remains in one bed die. The toothed punches were made with a master tool on a K8620 'K862S' press. A set of inserts with exchangeable and mobile elements was prepared for the final choice of the geometric die impression shape (Fig. 4) and lead was used for blank material. The compensator 'space for surplus metal' selected finally is shown (Fig. 4.a). The work efforts necessary for real-size forgings were determined by calculation in accordance with the known law of similarity in the deformation of geometrically similar bodies. Calculated maximum efforts for the 2nd and 3rd stamping passes are shown in Table 2 (approximately for gears 184.7 mm in diameter made from 18X1T (18KhGT) steel. The efforts were measured at TsNIITMASH during tests of hot crank presses. (The table Card 2/9

S/182/60/000/011/001/016
A161/A029

Selection of Rational Hot Stamping Technology for Bevel Gears

includes pressures for lead). The effect of uneven metal distribution in roughing die impressions due to inaccurate placement of the blanks was also investigated and a special device (Fig 7) was designed for fixing the blank in accurate position until it enters the tapered impressions in the upsetting blocks (1). The device is attached to the die with stays (4). The grips (6) are spring-loaded with tension springs (2) in axial direction and compression springs (3) in vertical direction. The springs (3) work first in the upsetting process and the bushing (5) slides down together with the grips and the blank until the blank enters into the taper in the bottom block. Now the upsetting begins and the grips (6) spread pulling the springs (2). Upset blanks were removed from the device by hand. The device was designed having in view future automatic application. The 6,300-ton crank press K1005 (KGSHP) proved suitable for stamping the gears. It is recommended to heat the billet metal for cutting to 600°C in an induction furnace; to heat to forging temperature in a three-groove high-frequency induction heater; to use high annealing for heat treatment utilizing the forging heat (to place the hot forgings immediately after stamping

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S/182/60/000/011/001/016
A161/A029

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into a furnace with 600-630°C and to hold for 2-2.5 hours and then to cool in air); and to remove scale by shot blasting. The following conclusions are drawn. Stamping of large forgings of similar shape can be recommended for application using four passes (see Fig. 2): 1) upsetting (with the blank fixed and supported in described device); 2) rough stamping; 3) final stamping; punching the hole. The best shapes for the die sort inserts are: 1) for upsetting - a tapered impression in the punch and a tapered cavity in the bed die for the fixing protrusion; 2) for rough stamping - a punch shape that ensures distribution of the major metal mass on the periphery with unrestricted flow upward of the forging "rim"; 3) for final stamping - a punch shape that insures complete forming of the forging without a periphery burr, the metal flowing into a central compensation cavity that has to be geometrically similar to the cavity chosen in experiments. It is mentioned that a stamping process for real-size gears has been developed after the experiments and decisions have been taken for an automatic process project. The following persons took part in the work: the engineers P.I. Strukov; I.I. Fuks; P.A. Petrov; E.S. Shteyn; T.I. Protopopova

Card 4/9

S/182/60/000/011/001/016
A161/A029

Selection of Rational Hot Stamping Technology for Bevel Gears
and the laboratory worker A.V. Fursov. There are 7 figures.

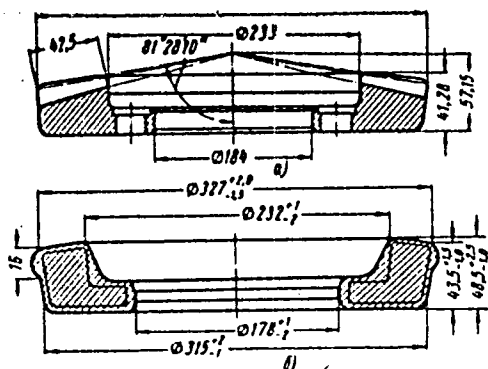


Figure 1:
Card 5/9

S/182/60/000/011/001/016
A161/A029

Selection of Rational Hot Stamping Technology for Bevel Gears

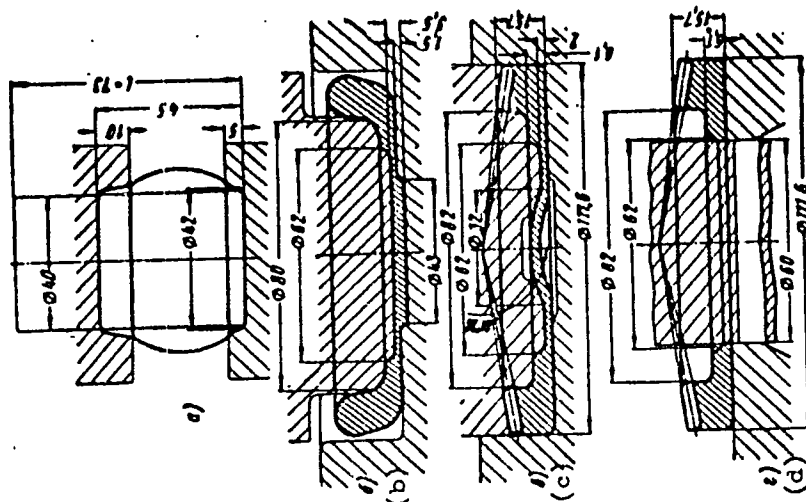
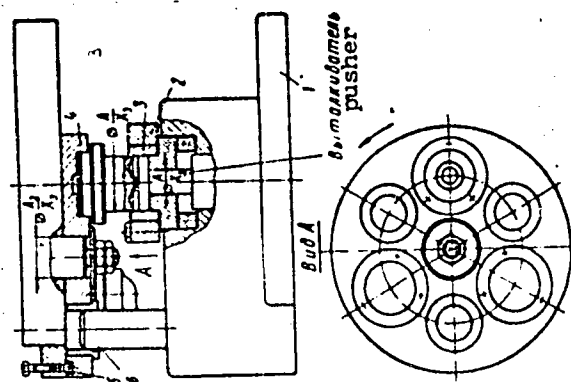


Figure 2:

Card 6/9

S/182/60/000/011/001/016
A161/A029

Selection of Rational Hot Stamping Technology for Bevel Gears



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Figure 3:

S/182/60/000/011/001/016
A161/A029

Selection of Rational Hot Stamping Technology for Bevel Gears

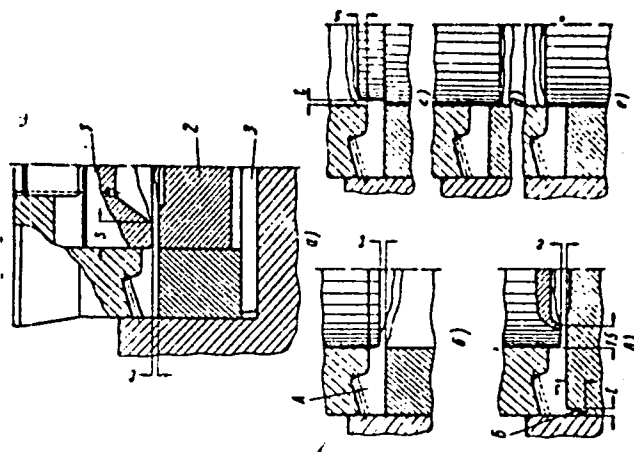


Figure 4:

Card 8/9

S/182/60/000/011/001/016
A161/A029

Selection of Rational Hot Stamping Technology for Bevel Gears

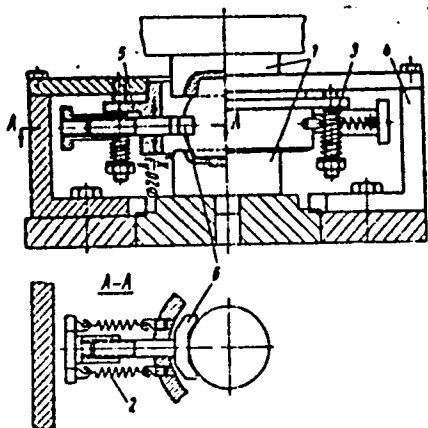


Figure 7:

Card 9/9

S/182/61/000/008/005/005
D038/D113

AUTHORS: Perevozchikov, B.S.; Sannikov, S.S.; Pasmanik, A.I.

TITLE: Experience in the debugging of low-burr stamping on a 4000-t
NKMZ crank drop forging press

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, no. 8, 1961, 41-43

TEXT: This article deals with the debugging of a new "low-burr stamping" process, used for circular forgings, in which the metal instead of forming a circumferential burr flows inwards into the central compensating cavity of the die impression. This consequently saves a great deal of metal. The production of two forgings, i.e. the rear axle reduction gear drive pinions of the Волга (Volga) and the ГАЗ-51 (GAZ-51) automobiles was debugged on a 4000-ton НКМЗ (NKMZ) crank drop forging press at the forging department of the Gor'kovskiy avtomobil'nyy zavod (the Gor'kiy Automobile Plant) by workers of that plant and of the ENIKMASH. Forgings reduced 2.86 times were used in the initial stages of the process and the blanks were heated in a gas holding furnace to 1150-1200°C. The Volga rear axle reduction gear drive

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S/182/61/000/008/005/005

Experience in the debugging of low-burr stamping.. D038/D113

pinion was stamped as follows: upsetting of the blank on hammer heads, transfer of the upset blank into the work counter die; preliminary and final stamping in two press passes with a subsequent feeding of two punches to the counter die by a rotating punch head. The excess of metal during the last draw flowed across an internal burr bridge into the central cavity (compensator) of the punch of the third draw (Fig. 2). The height of the facing burr of the forging did not exceed 2-3 mm. As a result of the experiments, the weight of the blanks decreased compared to those now in use at the plant e.g. the Volga rear axle reduction gear drive pinion decreased by 1 kg, and that of the GAZ-51 by 3.5 kg. The new process is recommended for normal multi-die stamping. It is stated that the debugging of the production process would lower tool and equipment costs, and that the low-burr stamping process only recently attracted the attention of technicians and research workers. The following took part in the work: T.I. Protopopova, Yu.A. Bol'shakov, V.O. Korolev, G.N. Trostyanitser, G.A. Troitskiy and I.I. Devyatov. There are 4 figures, 1 table and 5 Soviet references.

Card 2/3

PEREVOZCHIKOV, B.S.; SANNIKOV, S.S.; PASHMANIK, A.I.; Irimali
uchastnye: PROTOPOPOVA, T.I.; BOL'SHAKOV, Yu.A.; KOROLEV,
V.O.; TROSTYANITSER, G.N.; TROITSKIY, G.A.; DEVIATOV, I.I.

Adjustment of low-flash forging on a 4000-ton, NKMZ crankshaft
hot forging press. Kuz.-shtam. proizv. 3 no.8:41-43 Ag '61.
(MIRA 14:8)

(Forging) (Power presses)

ZOT'YEV, A.I., kand.tekhn.nauk, red.; BOL'SHAKOV, G.P., inzh., red.; VYATKIN, V.P., kand.tekhn.nauk, red.; VASIL'YEV, N.N., inzh., red.; YEREMKIN, A. P., inzh., red.; IVAKIN, I.Ya., inzh., red.; MATVEYEV, I.B., kand.tekhn. nauk, red.; MAR'YANCHIK, M.A., inzh., red.; NOVIKOV, P.V., inzh., red.; PEREVOZCHIKOV, B.S., inzh., red.; PODREZ, S.A., inzh., red.; RUBNENKOVA, L.V., red.; UKHANOV, V.N., red.; CHUDAKOV, P.D., kand.tekhn.nauk, red.; STEPANCHENKO, N.S., red.izd-va; SOKOLOVA, T.F., tekhn.red.

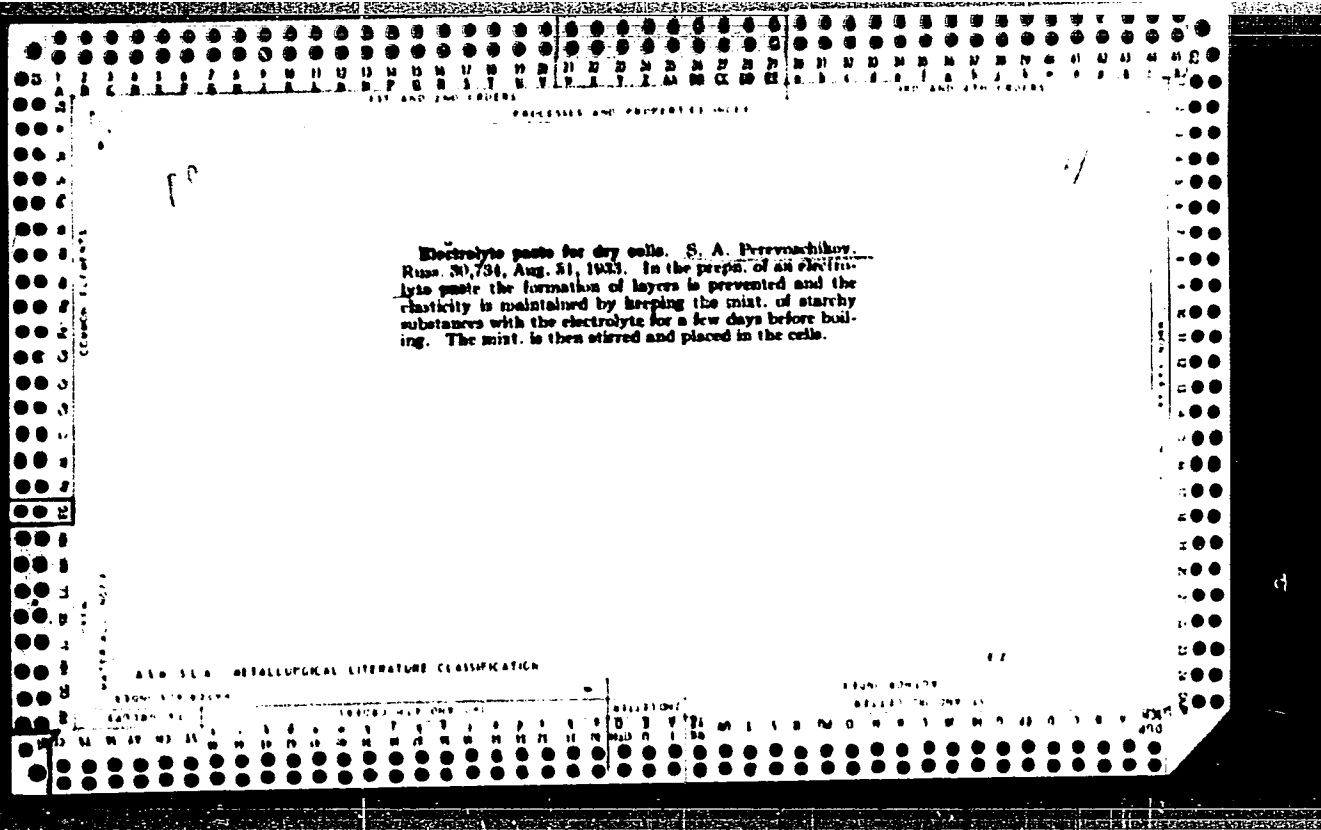
[Investigation and design of drop forging and die stamping machinery]
Issledovaniia i raschety mashin kuznechno-shtampovogo proizvodstva.
Pod red. A.I.Zot'eva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry. Vol.1. 1959. 233 p. (MIRA 13:4)

1. Eksperimental'nyy nauchno-issledovatel'skiy institut kuznechno-pressovogo mashinostroyeniya.
(Forging machinery)

PEREVOZCHIKOV, M.

Happy journey. Grazhd. av. 21 no.8:13 Ag '64.

(MIRA 18:4)



PODREZ, S.A., inzh.; VIATKIN, V.P., kand.tekhn.nauk; PEREVOZCHIKOV, B.S., inzh.

Should there be a decrease in the rigidity of the system and the moment
of inertia of flywheels used in cold upsetting machines. Vest.mash.
38 no.10:79-80 0 '58. (MIRA 11:11)

(Flywheels)

PEREVOZCHIKOV, R.

At an important front. Sov. profsoiuzy 18 no.24:16-17 D '62.
(MIRA 16:1)

1. Predsedatel' oblastnogo komiteta professional'nogo soyuza
rabochikh i sluzhashchikh sel'skogo khozyaystva i zagotovok,
g. Vinnitsa.

(Vinnitsa Province--Trade unions--Officers)
(Vinnitsa Province--Agricultural administration)

PEREVOZCHIKOV, S.N., inzh.

Studying the kinematics of the "Alston" hinged clutch. Vest. VSNII
MPS 23 no.6:62-64 '64. (MIRA 11:110)

1. Leningradskiy institut inzhenerov zheleznodorozhnogo transporta.

GARIN, A.M.; ASTRAKHAN, V.I.; BYCHKOV, M.B.; LARIONOV, L.P.; PEREVODCHIKOVA, N.I.

Clinical use of high single doses of sarcosine and endoxan
(cyclophosphane). Vop. onk. 11 no.10:3-9 '65.

(MIRA 18:10)

1. Iz terapevticheskogo otdeleniya (zav. -- doktor med.nauk V.I.
Astrakhan) Instituta eksperimental'noy i klinicheskoy onkologii
AMN SSSR (direktor i zav. klinicheskim otdelom -- deystvitel'nyy
chlen AMN SSSR prof. N.N.Elskhin).

TYURAYEVA, A.A.; MIKROUSHNIKOVA, N.V.

Excessive diagnosis of rheumatic fever in children. Izv. Akad. med. nat. 50:187-190 1961.

1. Iz kafedry ped. atn. (zav. - prof. V.S. Vayt.) Yakutskogo gosudarstvennogo meditsinskogo instituta i Det. boy k. med. na y. bo. nitsy No. 1 g. Izd. nashimbo. (g. vnyy vrach.). Yakutsk.

DANILENKO, I.A.; PEREVOZINA, Kseniya Aleksandrovna

[Ensilage of corn] Silosovanie kukuruzy. Khar'kov, Khar'kov-
skoe oblastnoe izd-vo, 1957. 43 p. (MIRA 16:1)
(Corn (Maize)) (Ensilage)

DANILENKO, Iosif Abramovich; PEREVOZINA, Kseniya Aleksandroyna,
kand.sel'khoz.nauk; DOBROVOL'SKIY, A.A., red.; GULENKO, A.I.,
tekh. red.

[Silage and its use] Silos i ego ispol'zovanie. Kiev, Gos-
sel'khozizdat USSR, 1962. 214 p. (MIRA 15:9)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyay-
stvennykh nauk imeni V.I.Lenina i Ukrainskoy akademii sel'sko-
khozyaystvennykh nauk (for Danilenko).
(Ensilage)

1 12876-55 EWT(1)/EWA(h)

ACC NR: AP6002171

SOURCE CODE: UR/0146/65/008/006/0049/0052

AUTHOR: Perevozchikov, N. M.

ORG: Dept. of Automation and Telemechanics, Leningrad Institute of Precision Mechanics and Optics (Kafedra avtomatiki i telemekhaniki, Leningradskiy institut tochnoy mekhaniki i optiki)

TITLE: ²⁵ Magnetic amplifier with highly linear characteristic

SOURCE: IVUZ. Priborostroyeniye, v. 8, no. 6, 1965, 49-52

TOPIC TAGS: magnetic amplifier, differential amplifier

ABSTRACT: A new single-stage differential magnetic amplifier (see Fig.1) equipped with a resistive-coupled negative feedback and a magnetic positive feedback exhibited high linearity in its input-output characteristic and a higher-than-ordinary input impedance (over 1 Mohm); resistor R_{00c} connected to the output divider provides the negative feedback. In addition, a weak magnetic negative feedback was introduced to reduce zero-point drift. Measured characteristics are: transadmittance, 10 mamp/v; nonlinearity, 0.01% or less; drift, $\pm 2 \times 10^{-6}$ amp or less; power gain, 4×10^{12} . Magnetic-core and winding data are also reported. Orig. art. has: 2 figures and 1 formula.

[03]

SUB CODE: 09 / SUBM DATE: 18Apr64 / ORIG REF: 002 / OTH REF: 001 / ATD PRESS: 4/81

Cord 1/2

UDC: 621.375

L 12875-66

ACC NR: AP6002171

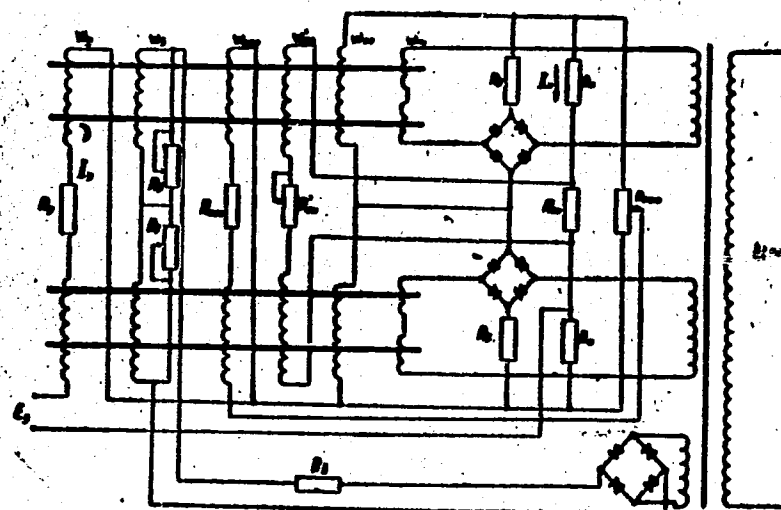


Fig. 1. Magnetic-amplifier electrical circuit

Cord 2/2

HW

PEREVOZNIKOV, Nikolay Vasil'yevich; KORNILOVA, M.I., red.; RAKOV, S.I.,
tekhn. red.

[Sormovo Factory workers on a labor assignment] Sormovich i na
trudovoi vakhte. Moskva, Izd-vo VTsSPS, Profizdat, 1959.
26 p. (MIRA 13:6)

1. Nachal'nik fasonnoliteynogo tsekha zavoda "Krasnoye Sormovo"
(for Perevoznikov).
(Shipbuilding workers)

PEREVOZNIKOV, PL., udarnik kommunisticheskogo truda; GODUNOV, I., matros,
chlen narodnoy družiny; YANDAL'TSEV, A., starshiy mashinst

For public judgement. Sov. profsoiuzu 16 no.19:40-41 9 '60.

(MIRA 13:10)

1. Predsedatel' sudovogo komiteta traulera "Monchegorsk" (for Perevoznikov).
 2. Trauler "Stavropol'" (for Godunov, Yandal'tsev).
- (Archangel--Trawls and trawling)
(Archangel--Social problems)

PEREVOZCHIKOVA, A.S.

Dental materials

Simplified method of repairing dental plastic prostheses. Stomatologiia, no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952 /bfb, Uncl.

ZBARSKIY, I.B.; PEREVOSHCHIKOVA, K.A.

Synthesis of protein in isolated cell nuclei of normal tissues
and in experimental tumors. Vop.med.khim. 6 no.1:34-40 Ja-F
'60. (MIRA 13:5)

1. Biochemical Laboratory of the P.A. Hertzen State Institute of
Oncology, Moscow.

(PROTEIN metab.)

(CELL NUCLEI)

(TUMORS)

LEVKINA, T.I.; PEPEVOZCHIKOVA, Ye.M.

Copper, molybdenum, zinc, manganese, and cobalt content of
some soil types in Prionezhskiy and Olonets Districts of the
Karelian A.S.S.R. Uch. zap. Petrozav. gos. un. 12 no.3:
111-120 '64. (MIRA 19:1)

1. Kafedra neorganicheskoy khimii Petrozavodskogo gosudarstvennogo
universiteta imeni O.V. Kuusinen.

BARANOVSKAYA, A.V.; PEREVOZCHIKOVA, Ye.M.

Brief characteristics of soil formation conditions and natural
zones of southern Karelia. Trudy Kar. fil. AN SSSR no.9:4-26
Trudy Kar. fil. AN SSSR no.9:4-26 '57. (MIRA 12:1)
(Karelia--Soil formation)

PEREVOZKIN, Yuriy Stepanovich; KISELEV, Aleksandr Gavrilovich, mekhanik-II
shturman

New developments in work organization on the motorship
"ST-151" Rech.transp. 22 no.1:1 Ja '63. (MIRA 16:2)

1. Kapitan-II pomoshchnik mekhanika teplokhoda "ST-151"
Irtyskского parokhodstva (for Perevoskin). 2. Teplokhod
"ST-151" Irtyskского parokhodstva (for Kiselev).
(Inland water transportation--Employees)

PEREVOLKIN, Yu.L.; GAYUN, Yu.A.

Using the R-3 composition without stearin for investment casting.
Biol. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn.
inform. 18 no.10:13-14, 0 '65. (MIRA 18:12)

PEPEVOZKIN, Yu.S., kapitan

Make use of the potentialities of the fleet. Rech. trans. 22 nr.4:
15-16 '65. (MIRA 12:4,

1. Irtyshskiy teplokhod "ST-151

USSR/Human and Animal Physiology - Blood. Blood Transfusion
and Blood Substitutes.

T-3

Abs Jour : Ref Zhur - Biol., No 13, 1958, 84051

Author : Margolin, A.Z., Perevezkina, Ye.S.

Inst : Belorussian Scientific Research Institute for Blood
Transfusion.

Title : Preserving of Blood and of the Erythrocyte Mass in
Invert Sugar.

Orig Pub : Tr. Belorussk. n.-i. in-ta perelivaniya krovi, 1957, 1,
110-117.

Abstract : No abstract.

Card 1/1

PA 49772

Drilling and Mining
Drilling Machinery
Bits

Mar 1946

"Geologic Survey Drilling by Means of Diamond Bits,"
K. E. Perevnikov, 10 1/2 pp

"Zavredn Redr" No 2

Briefly discusses some particulars of diamond drilling. Much of the material author presents has been taken from US and English journals. Describes the bit having few diamonds on it, method used for casting of bits, agglomeration of bits, the bit with agglomeration teeth set in, operation of agglomerated bit, the relation of drilling speed to pressure on the

LC

LC

Drilling and Mining (Contd)

Mar 1946

bit and revolutions of the drilling rig, effect of washing on production and role of washing when drilling with diamond drills, and the speed of drilling through rock with diamond bit.

PEREVOZNIKOV K. H.

LC

LC

PEREVOZNIKOV, K. K.

PA 00000

USSR/Geological Prospecting
Drilling Machinery

Jun 1946

"Geological Prospecting by Drilling with Small Diamond
Crowns," K. K. Perevoznikov, 7 pp

"Razvedka Nedr" No 3

Discussion on the technical speed and total cutting
on an agglomeration crown in small-diamond drilling.
Foreign equipment was used for the experiments re-
ported.

ID

27140

PEREVOSHCHIKOV, S.A. (Kirov - obl.)

Gastrolith formation following systematic drinking of shellac;
abstract. Kaz.med. zhur. no.1:110-111 Ja-F'61 (MIRA 16:11)

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LUPKIN, D.M., kand.tekhn.nauk, dots.; GOLYNCHIK, L.S., inzh.; DUNENKOV, V.L.,
inzh.; PEREVOZCHIKOV, S.N., inzh.

Electric locomotives using single-phase-3-phase current of
industrial frequency with multi-speed asynchronous short-
circuit traction motors. Sbor.LIIZHT no.159:71-91 '58.

(MIRA 12:2)

(Electric locomotives)

MAYRGOYZ, Ye.M., kand.med.nauk; PEREVOZNIKOVA, T.I.

Cells of lupus erythematosus and their significance in some diseases of the internal organs. Vrach.delo no.2:139 P '63.

(MIRA 16:5)

1. Kafedra gospiatal'noy terapii (zav. - dotsent Z.Sh. Zagidullin)
Bashkirskogo meditsinskogo instituta.

(LUPUS ERYTHEMATOSUS) (MEDICINE, INTERNAL)

DVOYRIN, M.S.; KRAVCHENKO, S.S.; BEZNOSOVA, Zh. A.; ZAMDBORG, L.F.; CHALYK, M.A.;
PERVOZNIKOVA, Zh. L.; BURLACHENKO, M.A.

Problem of elimination of meningeal tuberculosis in children. Sov. med.
22 no.12:125-130 D '58. (MIRA 12:1)

1. Iz organizatsionno-metodicheskogo otdela (zav. - prof. S.S. Kagan)
Ukrainskogo nauchno-issledovatel'skogo instituta tuberkuleza imeni akad.
F. O. Yanovskogo (dir. - dots. A.S. Mamolat) i Ternopol'skogo, Vimit'sko-
go, Chernigovskogo, Kiyevskogo, Chernovitskogo i Stanislavskogo oblast-
nykh protivotuberkuleznykh dispanserov.

(TUBERCULOSIS, MENINGEAL, in inf. & child
prev. (Rus))

BUKHGOL'TS, V.P.; PEREVOZOV, P.S.

Introducing automatic control of mine pumping systems with use
of electrode transducers. Shakht.stroi. no.11:28-31 N '59.
(MIRA 13:3)

1. Institut gornogo dela AN SSSR (for Bukhgol'ts). 2. Shakhta
No.13/15 tresta Shchekinugol' (for Perevozov).
(Mine pumps) (Automatic control)

BUKHGOL'TS, V.P., inzh.; PEREVOZOV, P.S., inzh.

Leakage relay with automatic voltage supply. Bezop. truda v prom.
3 no.6:25-27 Je '59. (MIRA 12:10)

(Electric relays) (Electricity in mining--Safety measures.)

PEREVOZOV, V. I.

ZHORZHOLODZE, K.V.; PEREVOZOV, V.I.

Efficient system of condensate return. Sakh.prom. 30 no.9:31-
35 S '56. (MIRA 10:3)

1. Gruzinskiy sakharney zavod.
(Sugar industry--Equipment and supplies)

REZNIKOV, I.L.; POLYAKOV, Yu.A.; SOLOV'YEV, Yu.V.; PEREVOZOV, V.N.

Chlorine binding from gases of magnesium production in the
combustion of a hydrogen-bearing fuel spray. TSvet.met. 35
no.8:49-53 Ag '62. (MIRA 15:8)
(Magnesium--Metallurgy) (Chlorine)

KAZANTSEV, Ye.I.; PEREVOZOV, V.N.

Wash out of thorium from sulfocation exchangers. *Zhur.príkl.khim.* 34
no.7:1448-1456 J1 '61. (MIRA 14:7)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.
(Thorium) (Ion exchange)

BUROV, Yu.S., kand. tekhn. nauk; MOCHALOV, A.I., laureat Leninskoy premii,
KORABLINOV, A.M., inzh., PEREVOZOV, V.S., inzh.; SEMCHENKOVA, T.S.,
inzh.

Large products made of autoclaved concrete from carbonaceous
sands. Stroitel. mat. 10 no.6:38-40 Je '64. (MCPA 17:10

1. Direktor Krasnopresnenskogo kombinata stroitel'nykh materialov
(for Mochalov).

CHUYKO, N.M., doktor tekhn.nauk; RUTKOVSKIY, V.B., inzh.; DANICHEK, R.Ye.,
inzh.; ~~PEREVYAZKO, A.T.~~, inzh.; BORODULIN, G.M., inzh.;
TREGUBENKO, A.F., inzh.; SHAMIL', Yu.P., inzh.; FRANTSOV, V.P.,
inzh.; VOLOVICH, V.G., inzh.; Primali uchastiye: IOFFE, I.M.,
inzh.; LAVRENT'YEV, M.I., inzh.; PARKHOMENKO, G.P., inzh.;
DEMIDENKO, V.I., inzh.; RYSIN, Ye.M., inzh.; VOROB'YEVA, T.M., inzh.

Inert gas blowing of metal in the ladle in vacuum. Stal' 22
no.9:309-811 S '62. (MIRA 15:11)
(Vacuum metallurgy) (Protective atmospheres)

CHUYKO, N.M., doktor tekhn.nauk; PEREVYAZKO, A.T.; MOSHKEVICH, Ye.I.;
Prinimali uchastiye: RUTKOVSKIY, V.B.; KONISHCHEV, M.I.;
FRANTSEV, V.P.; DEMIDOV, P.V.

Controlling the gaseous phase composition in an electric furnace
by means of an air curtain. Met. i gornorud. prom. no.2:15-18
Mr-Ap '62. (MIRA 15:11)

1. Dnepropetrovskiy metallurgicheskiy institut (for Chuyko).
2. Dnepropetrovskiy staleplavil'nyy zavod vysokokachestvennykh
i spetsial'nykh staley (for Perevyazko, Moshkevich).
(Electric furnaces) (Gases--Analysis)

GALITSKIY, Yu.P.; CHUYKO, N.M.; GASIK, M.I.; YEMLIN, B.I.; PEREVYAZKO, A.T.; BOGDANCHENKO, A.G.; MALIKOV, G.P.

Using a thermoelectric silicometer in the making of transformer steel. Stal' 23 no. 3:231-232 Mr '64. (MIRA 17:5)

1. Dnepropetrovskiy metallurgicheskiy institut i zavod "Dneprospetsstal'".